

Sample ID: 2212-W-32521  
Report Date: 23/12/2022

**Veterinary Surgeon**

DR. K R SMITH  
SPECIALIST - SMALL ANIMAL SURGERY  
NORTHERN AUSTRALIA  
VETERINARY SPECIALIST SERVICES

**Owner**

KYM NIXON  
265 PIONEER DRIVE  
GIRRAWEEEN  
DARWIN 0836  
AUSTRALIA

yarnixrotts@gmail.com

**Animal Details**

Animal:	CANINE	D.O.B	04/03/2021
Name	JAPJOVE DELAWARE SLIDE (SLIDE)	Microchip No.	953010004561203
Breed	ROTTWEILER	KC Reg	
Sex	FEMALE	Tattoo No.	

**Sample**

Sample Material	SWAB	Sample received:	15/12/2022
Sample Date:			

**Test**

Test Name:	8158D Degenerative Myelopathy (EXON 2)
------------	--

**Result**

**Genotype:** N/N (exon 2) (Genetically Clear)  
**Interpretation:** The dog is homozygous normal for the intact SOD1-gene.

The dog does not carry the mutation in exon 2 of the SOD1 that is suggested to be a major risk factor for the development of Degenerative Myelopathy.

Please note: In the Bernese Mountain Dog breed the mutation in exon 1 of SOD1-gene occurs also in correlation with DM.

The dog can pass only the normal gene on to all its offspring.

The currently known mutation has been analysed.

The result is only valid for the submitted sample.

\*\*\*\*\* END OF RESULT \*\*\*\*\*

LABOKLIN is an DIN ISO 17025 (AKS-PL-20922) Accredited Laboratory

UK Office: LABOKLIN (UK) 125 Northenden Road, Sale, Manchester M33 3HF

t. 0161 282 3066 - e. Info@laboklin.co.uk - w. www.laboklin.co.uk

Sample ID: 2212-W-32521  
Report Date: 23/12/2022

**Veterinary Surgeon**

DR. K R SMITH  
SPECIALIST - SMALL ANIMAL SURGERY  
NORTHERN AUSTRALIA  
VETERINARY SPECIALIST SERVICES

**Owner**

KYM NIXON  
265 PIONEER DRIVE  
GIRRAWEEEN  
DARWIN 0836  
AUSTRALIA

yarnixrotts@gmail.com

**Animal Details**

Animal:	CANINE	D.O.B	04/03/2021
Name	JAPJOVE DELAWARE SLIDE (SLIDE)	Microchip No.	953010004561203
Breed	ROTTWEILER	KC Reg	
Sex	FEMALE	Tattoo No.	

**Sample**

Sample Material	SWAB	Sample received:	15/12/2022
Sample Date:			

**Test**

Test Name:	8271 Juvenile Laryngeal Paralysis & Polyneuropathy (JLPP)
------------	---

**Result**

Genotype:	N / N (Genetically Clear)
Interpretation:	<p>The examined animal is homozygous for the wild-type allele.</p> <p>It does not carry the JLPP's causative mutation in the RAB3GAP1-gene.</p> <p>Trait of inheritance: autosomal-recessive</p> <p>Scientific studies found correlation between the mutation and symptoms of the disease in the Black Russian Terrier and for the Rottweiler breeds.</p> <p>The current result is only valid for the sample submitted to our laboratory.</p>

\*\*\*\*\* END OF RESULT \*\*\*\*\*

LABOKLIN is an DIN ISO 17025 (AKS-PL-20922) Accredited Laboratory

UK Office: LABOKLIN (UK) 125 Northenden Road, Sale, Manchester M33 3HF  
t. 0161 282 3066 - e. Info@laboklin.co.uk - w. www.laboklin.co.uk

Sample ID: 2212-W-32521  
Report Date: 23/12/2022

**Veterinary Surgeon**

DR. K R SMITH  
SPECIALIST - SMALL ANIMAL SURGERY  
NORTHERN AUSTRALIA  
VETERINARY SPECIALIST SERVICES

**Owner**

KYM NIXON  
265 PIONEER DRIVE  
GIRRAWEEEN  
DARWIN 0836  
AUSTRALIA

yarnixrotts@gmail.com

**Animal Details**

Animal:	CANINE	D.O.B	04/03/2021
Name	JAPJOVE DELAWARE SLIDE (SLIDE)	Microchip No.	953010004561203
Breed	ROTTWEILER	KC Reg	
Sex	FEMALE	Tattoo No.	

**Sample**

Sample Material	SWAB	Sample received:	15/12/2022
Sample Date:			

**Test**

Test Name:	8124 Coat (Hair) Length I (HlHd1 SNP G284T)
------------	---

**Result**

**Genotype:** L/L  
**Interpretation:** The test detects the alleles L (shorthair) and l (longhair) in the FGF5 gene.

Allelic series: L dominant over l  
solely genotype L/L: The analysed sample is homozygous for the L-allele for short-haired.

exactly one genotype L/l: The analysed sample is heterozygous for the L-allele and the l-allele. The l-allele for long-haired is forwarded to 50% of the dogs offspring.

multiple Genotypes L/l: The analysed sample is heterozygous for the L-allele and the l-allele on more than one gene-locus.  
The dog inherits the l-allele for long-haired to it's offspring.

at least one genotype l/l: The analysed sample is homozygous for the l-allele for long-haired.

Please note:  
Further causative mutations for longhaired have been found in the following breeds:  
Afghan Hound, Akita Inu, Alaskan Malamute, Chow Chow, Eurasian, French Bulldog, Husky, Prague Rattler, Shar Pei, Samoyed The additional mutations might be responsible for longhair in further breeds.

\*\*\*\*\* END OF RESULT \*\*\*\*\*

LABOKLIN is an DIN ISO 17025 (AKS-PL-20922) Accredited Laboratory

UK Office: LABOKLIN (UK) 125 Northenden Road, Sale, Manchester M33 3HF

t. 0161 282 3066 - e. Info@laboklin.co.uk - w. www.laboklin.co.uk

Sample ID: 2212-W-32521  
Report Date: 23/12/2022

**Veterinary Surgeon**

DR. K R SMITH  
SPECIALIST - SMALL ANIMAL SURGERY  
NORTHERN AUSTRALIA  
VETERINARY SPECIALIST SERVICES

**Owner**

KYM NIXON  
265 PIONEER DRIVE  
GIRRAWEEEN  
DARWIN 0836  
AUSTRALIA

yarnixrotts@gmail.com

**Animal Details**

Animal:	CANINE	D.O.B	04/03/2021
Name	JAPJOVE DELAWARE SLIDE (SLIDE)	Microchip No.	953010004561203
Breed	ROTTWEILER	KC Reg	
Sex	FEMALE	Tattoo No.	

**Sample**

Sample Material	SWAB	Sample received:	15/12/2022
Sample Date:			

**Test**

Test Name:	8308 Neuroaxonal Dystrophy (NAD)
------------	----------------------------------

**Result**

Genotype:	N/N (Genetically Clear)
Interpretation:	<p>The examined animal is homozygous for the wildtype-allele. It does not carry the causative mutation for NAD in the VPS11-gene.</p> <p>Trait of inheritance: autosomal-recessive</p> <p>Scientific studies found correlation between the mutation and symptoms of the disease in the following breeds: Rottweiler</p> <p>The current result is only valid for the sample submitted to our laboratory.</p>

\*\*\*\*\* END OF RESULT \*\*\*\*\*

LABOKLIN is an DIN ISO 17025 (AKS-PL-20922) Accredited Laboratory

UK Office: LABOKLIN (UK) 125 Northenden Road, Sale, Manchester M33 3HF

t. 0161 282 3066 - e. Info@laboklin.co.uk - w. www.laboklin.co.uk

Sample ID: 2212-W-32521  
Report Date: 23/12/2022

**Veterinary Surgeon**

DR. K R SMITH  
SPECIALIST - SMALL ANIMAL SURGERY  
NORTHERN AUSTRALIA  
VETERINARY SPECIALIST SERVICES

**Owner**

KYM NIXON  
265 PIONEER DRIVE  
GIRRAWEEEN  
DARWIN 0836  
AUSTRALIA

yarnixrotts@gmail.com

**Animal Details**

Animal:	CANINE	D.O.B	04/03/2021
Name	JAPJOVE DELAWARE SLIDE (SLIDE)	Microchip No.	953010004561203
Breed	ROTTWEILER	KC Reg	
Sex	FEMALE	Tattoo No.	

**Sample**

Sample Material	SWAB	Sample received:	15/12/2022
Sample Date:			

**Test**

Test Name:	8283 Leukoencephalomyelopathy ( LEMP )
------------	--

**Result**

**Genotype:** N / N (Genetically Clear)

**Interpretation:** The examined animal is homozygous for the wild type allele. It does not carry the causative mutation for LEMP in the NAPEPLD-gene.

Trait of inheritance: autosomal-recessive

Scientific studies found association between the mutation and symptoms of the disease in the following breeds: Great Dane and Rottweiler

The result is only valid for the submitted sample.

\*\*\*\*\* END OF RESULT \*\*\*\*\*

LABOKLIN is an DIN ISO 17025 (AKS-PL-20922) Accredited Laboratory

UK Office: LABOKLIN (UK) 125 Northenden Road, Sale, Manchester M33 3HF

t. 0161 282 3066 - e. Info@laboklin.co.uk - w. www.laboklin.co.uk

Sample ID: 2212-W-32521  
Report Date: 23/12/2022

**Veterinary Surgeon**

DR. K R SMITH  
SPECIALIST - SMALL ANIMAL SURGERY  
NORTHERN AUSTRALIA  
VETERINARY SPECIALIST SERVICES

**Owner**

KYM NIXON  
265 PIONEER DRIVE  
GIRRAWEEEN  
DARWIN 0836  
AUSTRALIA

yarnixrotts@gmail.com

**Animal Details**

Animal:	CANINE	D.O.B	04/03/2021
Name	JAPJOVE DELAWARE SLIDE (SLIDE)	Microchip No.	953010004561203
Breed	ROTTWEILER	KC Reg	
Sex	FEMALE	Tattoo No.	

**Sample**

Sample Material	SWAB	Sample received:	15/12/2022
Sample Date:			

**Test**

Test Name:	8305 X-linked Myotubular Myopathy (XLMTM)
------------	---

**Result**

Genotype:	FEMALE: X(N)/X(N)      MALE: X(N)/Y (Genetically Clear)
Interpretation:	The examined animal is homozygous for the wild type allele. It does not carry the XL-MTM causative mutation in the MTM1-gene.  Trait of inheritance: X chromosomal-recessive  Scientific studies found correlation between the mutation and symptoms of the disease in the Rottweiler breed.

\*\*\*\*\* END OF RESULT \*\*\*\*\*

LABOKLIN is an DIN ISO 17025 (AKS-PL-20922) Accredited Laboratory

UK Office: LABOKLIN (UK) 125 Northenden Road, Sale, Manchester M33 3HF  
t. 0161 282 3066 - e. Info@laboklin.co.uk - w. www.laboklin.co.uk

Sample ID: 2212-W-32521  
Report Date: 23/12/2022

**Veterinary Surgeon**

DR. K R SMITH  
SPECIALIST - SMALL ANIMAL SURGERY  
NORTHERN AUSTRALIA  
VETERINARY SPECIALIST SERVICES

**Owner**

KYM NIXON  
265 PIONEER DRIVE  
GIRRAWEEEN  
DARWIN 0836  
AUSTRALIA

yarnixrotts@gmail.com

**Animal Details**

Animal:	CANINE	D.O.B	04/03/2021
Name	JAPJOVE DELAWARE SLIDE (SLIDE)	Microchip No.	953010004561203
Breed	ROTTWEILER	KC Reg	
Sex	FEMALE	Tattoo No.	

**Sample**

Sample Material	SWAB	Sample received:	15/12/2022
Sample Date:			

Your dog's DNA will be stored for 5 years and will be available for further testing. If you wish to order further tests on this dog, you don't have to submit a new sample; simply write the above sample ID on the order form, or mark which test(s) you require from the list below and return together with the order form. You can also order by calling us on 0161 282 3066 and quoting the sample ID.

The following tests are available for *Rottweiler*:

- 8294 Chondrodystrophy (CDDY with IVDD Risk) and Chondrodysplasia (CDPA) (*All Breeds*)
- 8006 DNA ID Profile (Genetic Fingerprint)
- 8158D Degenerative Myelopathy (DM Exon 2) (*All Breeds*)
- 8269 Hereditary Deafness
- 8154D Hyperuricosuria (HUU, SLC) (*All Breeds*)
- 8271• Juvenile Laryngeal Paralysis & Polyneuropathy (JLPP) •
- 8283• Leukoencephalomyelopathy (LEMP) •
- 8062 MH (Malignant Hyperthermia) (*All Breeds*)
- 8308 Neuroaxonal Dystrophy (NAD)
- 8747 Robinow-like Syndrome (DVL2) (*All Breeds*)
- 8305 X-linked Myotubular Myopathy (XLMTM)
- 8648 **Rottweiler DNA bundle: DM2 + LEMP + JLPP • + XL – MTM + Coat Length I + NAD**

• This tests is part of the Official UK Kennel Club DNA testing scheme, please sign the declaration.

**Coat Colours / Length**

- 8124 Coat Length I

**Declaration:** I accept that, for UK registered dogs, results of the tests above which are part of the Official UK Kennel Club DNA testing scheme will be sent to the Kennel Club and published as part of the Kennel Club scheme.

Signed ..... (owner / agent) Date: .....

\*\*\*\*\* END OF RESULT \*\*\*\*\*

LABOKLIN is an DIN ISO 17025 (AKS-PL-20922) Accredited Laboratory

UK Office: LABOKLIN (UK) 125 Northenden Road, Sale, Manchester M33 3HF

t. 0161 282 3066 - e. Info@laboklin.co.uk - w. www.laboklin.co.uk